

|   |  |                                       |                               |
|---|--|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449<br>(Modified)  | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>07977-302002 | Application No.<br>10/769,907 |
| <b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary) |  | Applicant<br>Shunpei Yamazaki et al.  |                               |
|   |  | Filing Date<br>February 3, 2004       | Group Art Unit<br>1792        |

| U.S. Patent Documents |           |                 |                  |           |       |          |                            |
|-----------------------|-----------|-----------------|------------------|-----------|-------|----------|----------------------------|
| Examiner Initial      | Desig. ID | Document Number | Publication Date | Patentee  | Class | Subclass | Filing Date If Appropriate |
|                       | AA        | 5,853,847       | 12/29/1998       | Takahashi |       |          | 07/19/1994                 |
|                       | AB        |                 |                  |           |       |          |                            |
|                       | AC        |                 |                  |           |       |          |                            |
|                       | AD        |                 |                  |           |       |          |                            |
|                       | AE        |                 |                  |           |       |          |                            |
|                       | AF        |                 |                  |           |       |          |                            |
|                       | AG        |                 |                  |           |       |          |                            |
|                       | AH        |                 |                  |           |       |          |                            |
|                       | AI        |                 |                  |           |       |          |                            |
|                       | AJ        |                 |                  |           |       |          |                            |
|                       | AK        |                 |                  |           |       |          |                            |

| Foreign Patent Documents or Published Foreign Patent Applications |           |                 |                  |                          |       |          |             |    |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| Examiner Initial  | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|   |           |                 |                  |                          |       |          | Yes         | No |
|   | AL        | 03-162561       | 07/12/1991       | JAPAN                    |       |          | AB          |    |
|   | AM        |                 |                  |                          |       |          |             |    |
|   | AN        |                 |                  |                          |       |          |             |    |
|   | AO        |                 |                  |                          |       |          |             |    |
|   | AP        |                 |                  |                          |       |          |             |    |

| Other Documents (include Author, Title, Date, and Place of Publication) |           |   |
|---|-----------|---|
| Examiner Initial  | Desig. ID | Document  |
|   | AQ        | Office Action (Korean Application No. 2002-0007323) dated December 14, 2007 with full English translation |
|   | AR        |   |
|   | AS        |   |
|   | AT        |   |

|  |                 |
|--|-----------------|
| Examiner Signature   | Date Considered |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |